

## CLAIMS:

1. A method for manufacturing a wearable monitoring system, said method comprising a step of providing a fabric-based elastic belt for housing of electrodes, characterized in that the electrodes are provided by molding of an electrode material through the elastic belt.

2. A method according to claim 1, characterized in that for the step of providing the electrodes use is made of a mould including electrical wiring for providing electrical connections to the electrodes, said wiring being permanently attached to the electrodes after the mould is released.

3. A method according to claims 1 or 2 characterized in that the electrode material comprises conductive rubber and in that during the molding a vulcanization of the conductive rubber is performed.

4. A method according to claim 2 or 3, characterized in that for the wiring a material is used which has a substantially the same elasticity as the material of the elastic belt.

5. A method according to claim 4, characterized in that the material for wiring is a conductive rubber.

6. A monitoring system manufactured according to any one of the preceding claims, characterized in that the system is a cardiac monitoring system.

7. A monitoring system according to claim 6, characterized in that said system comprises at least two electrodes.

8. A monitoring system according to one of the preceding claims 6 or 7, characterized in that said system further comprises a motion sensor.